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June 23, 1975.

BLACK ARMY CUTWORM IN THE KAMLOOPS FOREST DISTRICT, 1975

Clifford B. Cottrell and H. Peter Koot

In June 1975, large numbers of black army cutworm larvae occurred in plantations in the "Eden Fire" (mid September 1973) west of Salmon Arm in Fly Hill P.S.Y.U. More than 25 larvae per square foot were found in $\frac{1}{2}$ -acre or 1-acre pockets throughout the 600 acres currently being planted with Engelmann spruce and lodgepole pine seedlings. The elevation of the plantation is approximately 5,000 feet, where it is predicted that larvae will likely continue to feed until the end of June. As there is only a moderate amount of broadleaved ground cover, some damage may be done to the newly-planted seedlings.

No significant larval populations were noted in an adjacent 300-acre area planted in 1974.

Small numbers of black army cutworm were reported from Finn, Hellroar and Lempriere creeks in the North Thompson area, and Scotch Creek north of Shuswap Lake, but no evergreen seedling mortality is expected.

Feeding by this cutworm in low elevation areas has now ceased.

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